



SCI-TECH COMPLEX



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There is the Sci-Tech Complex on Ssuk Island in Pyongyang, the capital of the Democratic People's Republic of Korea. It is a giant atom-shaped structure whose design is reminiscent of the world of science.

It was inaugurated on January 1, Juche 105 (2016).

Covering a total floor space of over 106 600 sq metres, the complex is a great temple of learning for all the people from children to scientists and technicians and a multi-functional hub of scientific and technological dissemination.

Hung on the front wall of the entrance hall is the portrait of the great Comrades Kim Il Sung and Kim Jong Il, eternal leaders of socialist Korea.

The Sci-Tech Complex is a large e-library that digitizes scientific and technological hits made at home and the world's advanced sci-tech information in a comprehensive and systematic way to build databases and disseminates them through computer networks.

Inside the four-storey building are e-reading areas and halls of unique designs in consideration of ages so that the visitors can peruse data of advanced sci-tech information and acquire ample knowledge, over ten sectoral exhibition halls with a variety of exhibits, electronic presentation devices and computers, areas for academic discussions and question-and-answer, temporary exhibitions and other areas for scientific exchange, all retaining their characteristic features.

On the ground floor are found the hall for children's dreams, hall dedicated to the history of sci-tech development, cinema for science films and 4D simulation cinema, academic seminar

hall and the reading room for the disabled. They are arranged around the tiered lounge hall.

Found on the other floors are four applied science and technology exhibition halls, those of cutting-edge science and technology, scientific study and basic science, animation watching and online lecture areas, and other spaces for reading, lecture and workshop.

A tower symbolic of science and technology stands in front of the Sci-Tech Complex, and there are study sites, a fountain park, and the outdoor sci-tech exhibition ground embracing future energy, scientific amusement and other sections.

It also has a modern lodging house with 500 beds and trolley-bus line to provide visitors with full convenience.

The complex is an energy-saving, green structure in which its lightings, cooling and heating are based on solar, geothermal and other renewable energy, and its unique design goes well with the landscape of Ssuk Island in an excellent location of Pyongyang.

The Sci-Tech Complex fully embodies the idea of giving priority to science and technology put forward by the Workers' Party of Korea that regards the development of science and technology as the most important issue decisive of victory or failure in the building of a thriving country, an important undertaking related to the future of the country, and pushes ahead with it persistently.

An epitome of the WPK's idea of attaching importance to science and talents and its benevolent affection for the people, the complex is always crowded with people who acquire the knowledge in science and technology to their heart's content.





Entrance hall



Tiered lounge hall





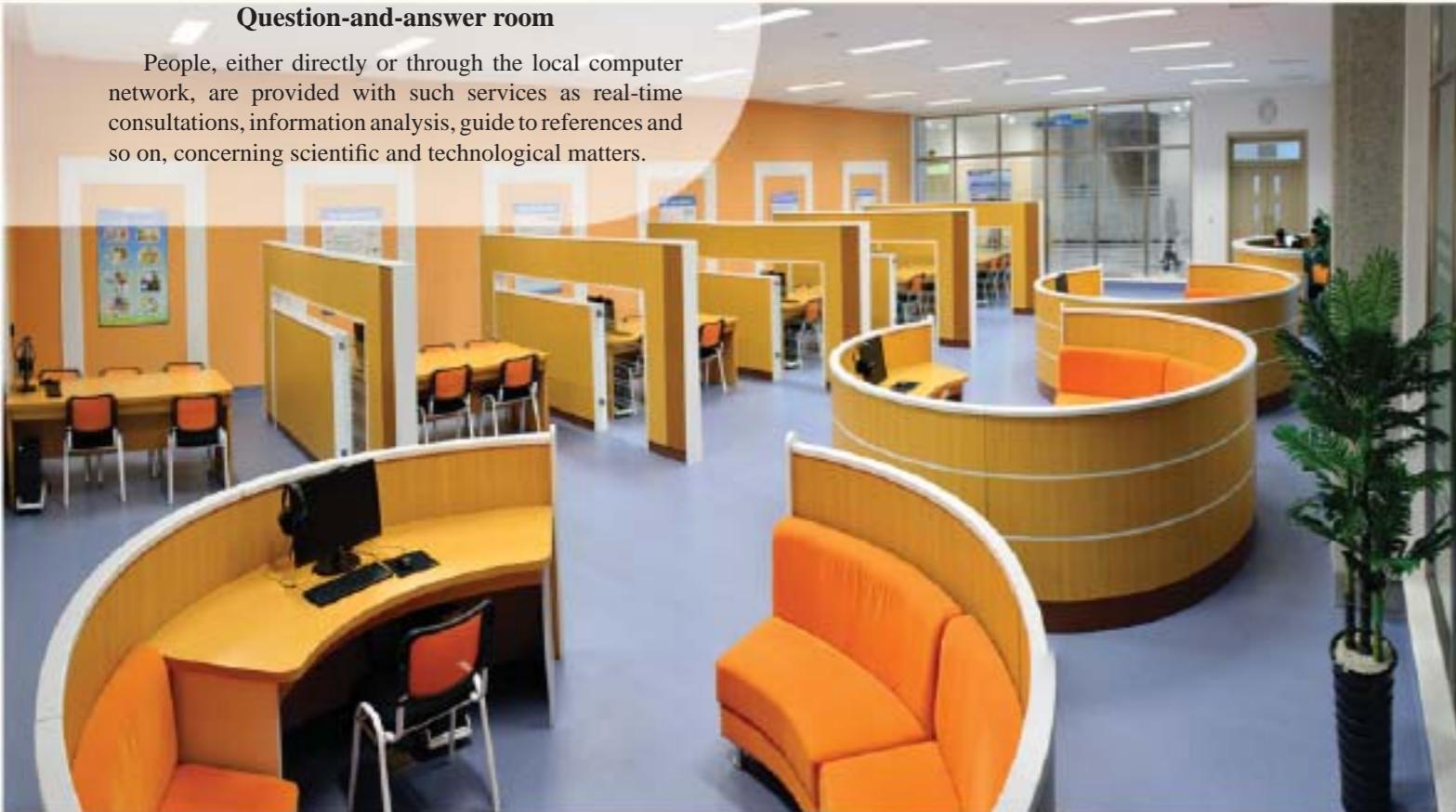
E-reading area

People have free access to the complex's database, as well as those of sci-tech learning spaces across the country.



Question-and-answer room

People, either directly or through the local computer network, are provided with such services as real-time consultations, information analysis, guide to references and so on, concerning scientific and technological matters.





**Reading room
for the disabled**

The room provides favourable conditions for the people with visual or auditory disabilities.



Animation watching area

People can see individually or collectively sci-tech data in the form of 3D-modelled and other animation with acoustic system of 5.1 version.



Online lecture area

It enables people to receive services in real time through the local network and lectures by online universities across the country.



Academic discussion area

Academic presentations, discussions, deliberations and workshops are held in the area and people can take part in them through the local network.



Virtual science lab

In the lab people can conduct computer-simulation experiments to acquire basic laws and principles of physics, chemistry, biology, medical science and engineering, their applications and calculation method of design, and so on. They also see videos that show the virtual-reality technology, its application and developing trend.



Hall for reading new books

Books on modern science and technology in 36 fields are available in 11 languages.



지적제품교류전시장

Intellectual products exhibition hall





Hall for children's dreams

The hall helps children to improve intellectual faculty and have a clear understanding of nature in the process of finding out by themselves scientific principles by operating and examining diverse forms of exhibits. There they also nurture their dreams of becoming future scientists and technicians.

Children's reading area

Basic science hall

The hall gives fundamental laws, principles and methods of mathematics, physics, chemistry, biology and earth science.





Hall dedicated to the history of sci-tech development

The hall shows in a comprehensive way the course of scientific and technological development the Korean people have travelled under the wise guidance of the Workers' Party of Korea and sci-tech achievements made by the Korean nation and humankind in chronological order.



Hall for scientific study

The hall is helpful for visitors to learn the achievements made by famous scientists and their spirit of inquiry, pending problems in developing science and technology, methodologies of creating knowledge and studying science in the era of knowledge economy, education and talent training.



Hall for frontier science and technology

People study achievements made in the fields of information, nano, bioengineering, new materials, new energies, nuclear energy, marine and space technologies, their scientific and technological principles and developing trends.



Applied sci-tech hall No. 1

The hall is helpful for visitors to acquire scientific principles and developing trends in the fields of agriculture, fishery, hydraulics and oceanography, hydrometeorology, environmental protection and forestry.





Applied sci-tech hall No. 2

The hall is designed to show scientific principles and developing trends in the fields of electricity, coal-mining, metal, rail transport, chemistry, machinery, mining, underground prospect, architecture, electronics and automation, and telecommunications.





Applied sci-tech hall No. 3

In the hall the visitors acquire scientific principles and developing trends in the fields of medicine, light industry, sports and printing industry.





Applied sci-tech hall No. 4

The hall is helpful in studying science and technology in the field of defence industry, such as structures and operating principles of various military equipment manufactured by the country's defence science and technology.





Academic seminar hall



4D simulation cinema



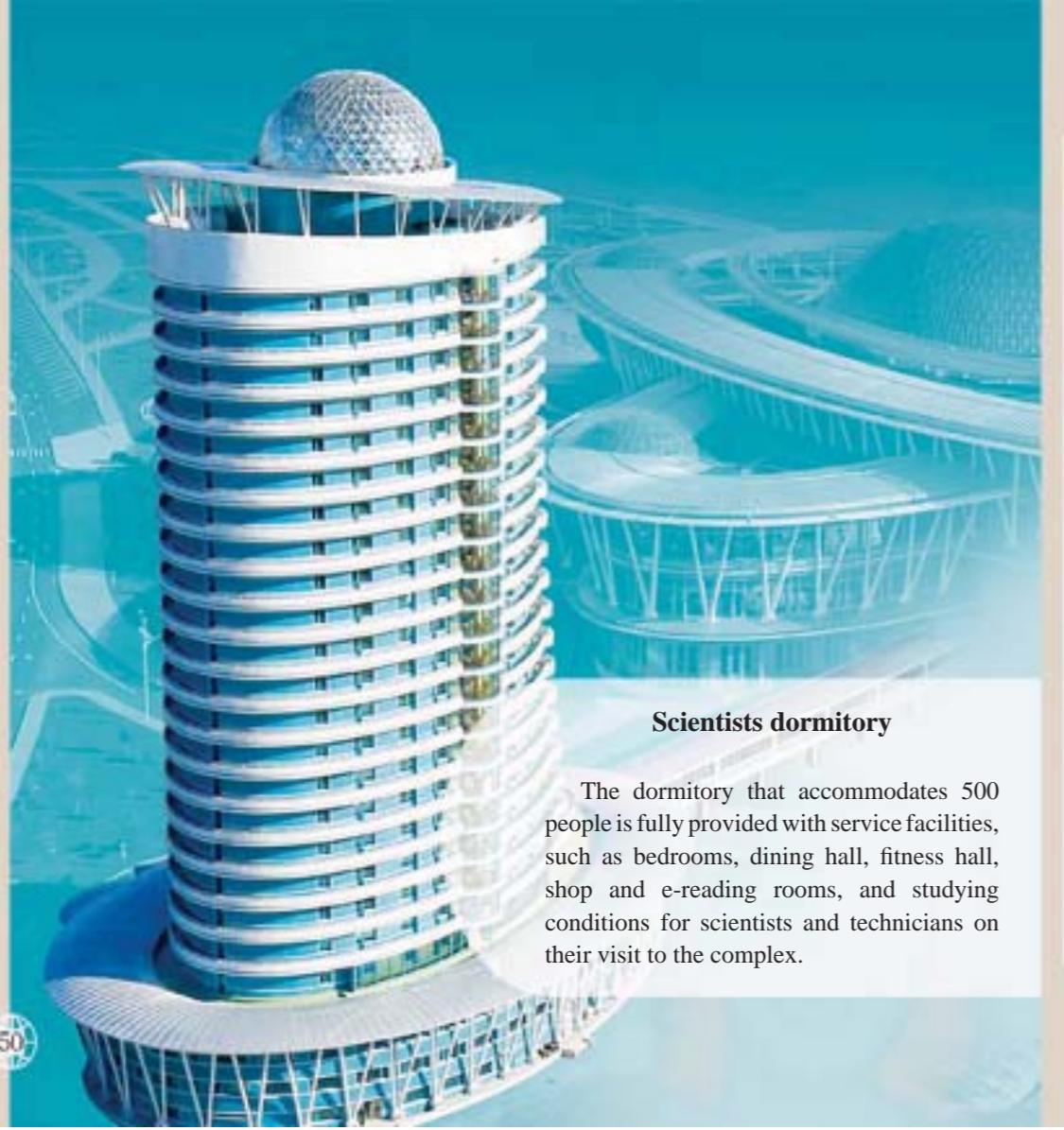
Bookshop



Shop

Dining hall





Scientists dormitory

The dormitory that accommodates 500 people is fully provided with service facilities, such as bedrooms, dining hall, fitness hall, shop and e-reading rooms, and studying conditions for scientists and technicians on their visit to the complex.



Hall



Bedroom



Clinic



Dining hall



Beauty parlour



Shop



Building for introducing zero-energy
and zero-carbon architectural techniques



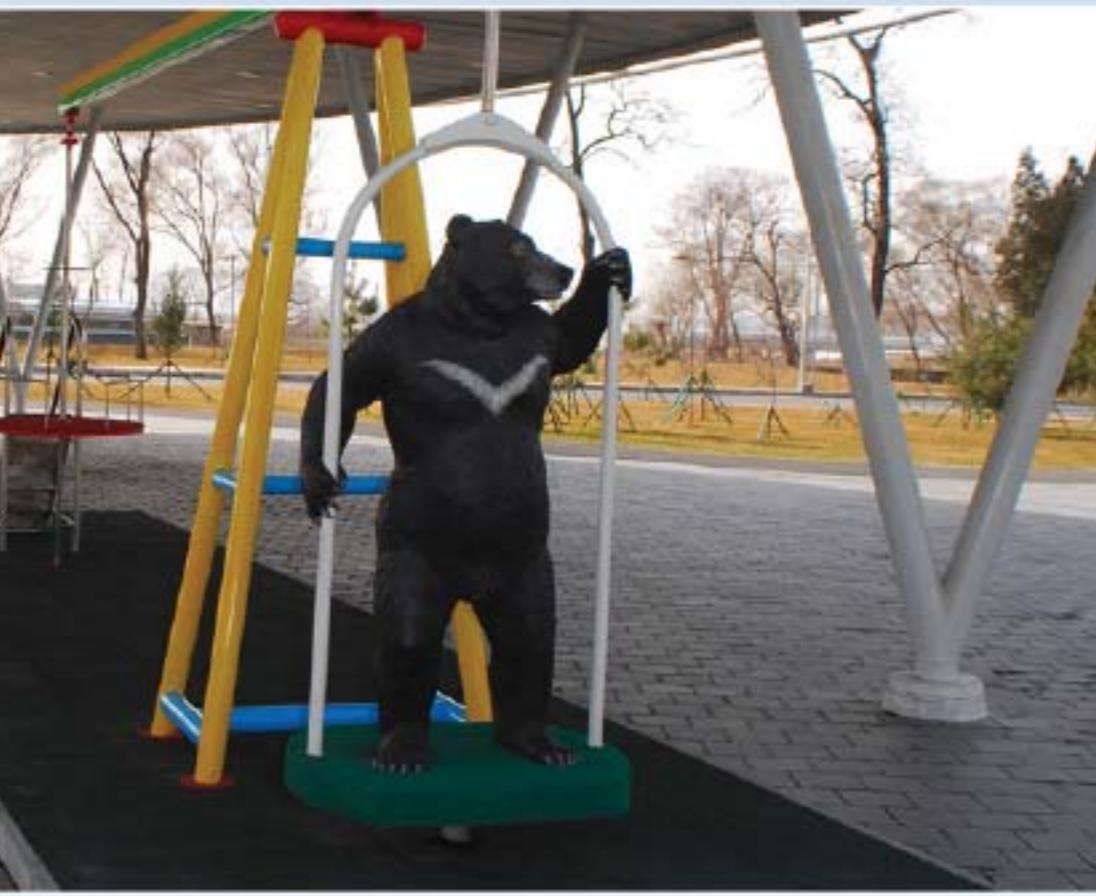
Weather observing tower



Underground resources
section



Future energy section



Scientific amusement section





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